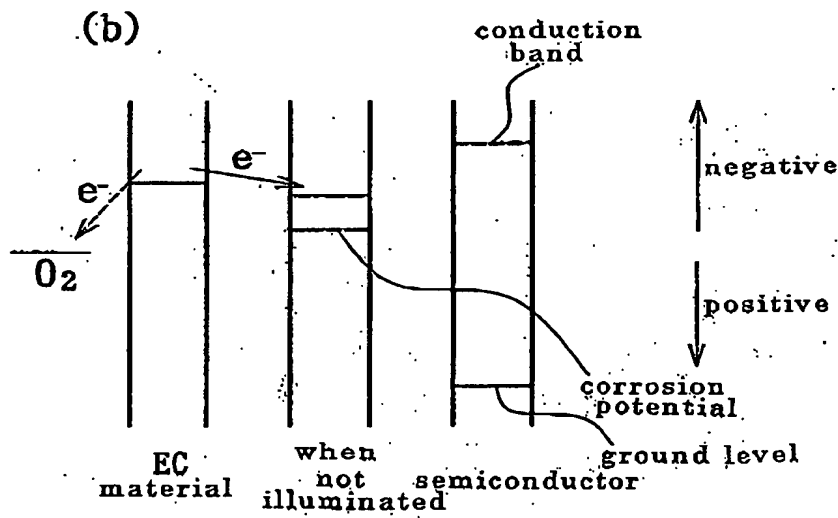
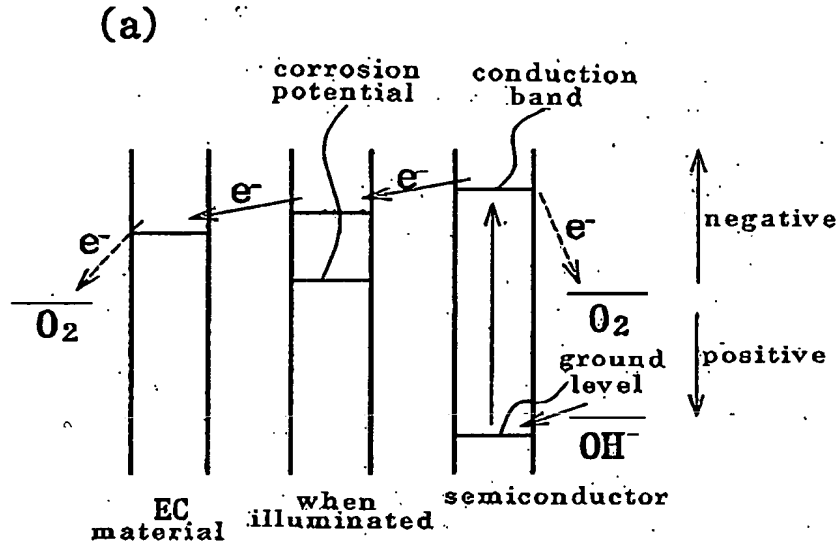
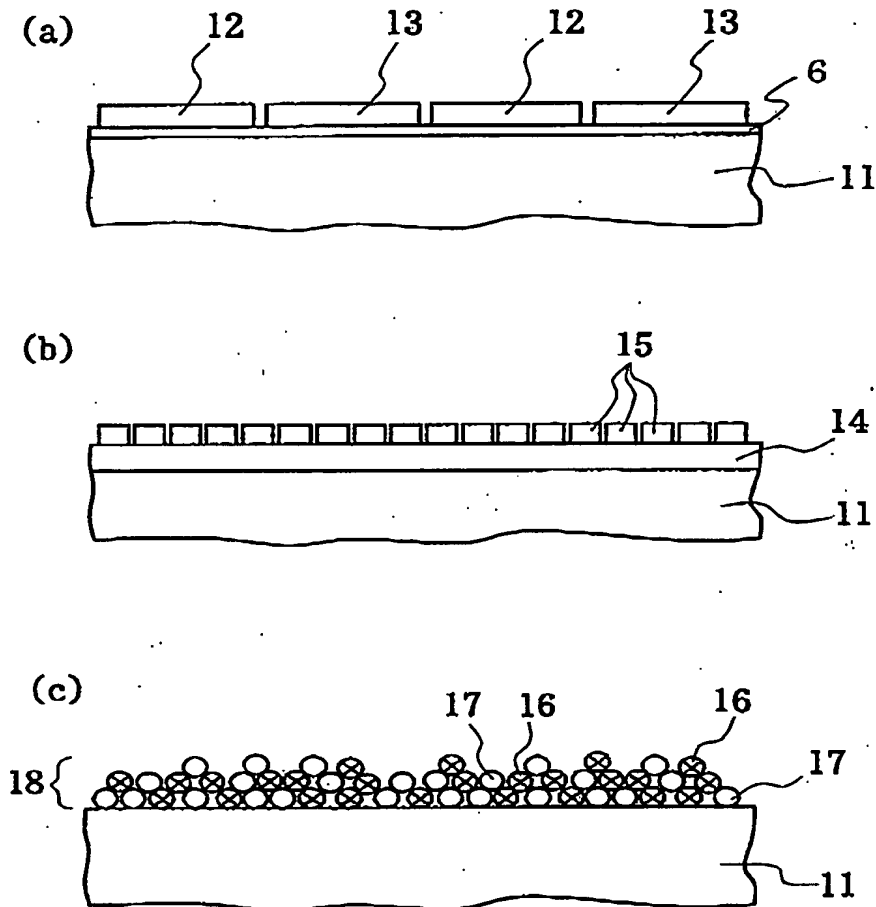


[Fig.1]



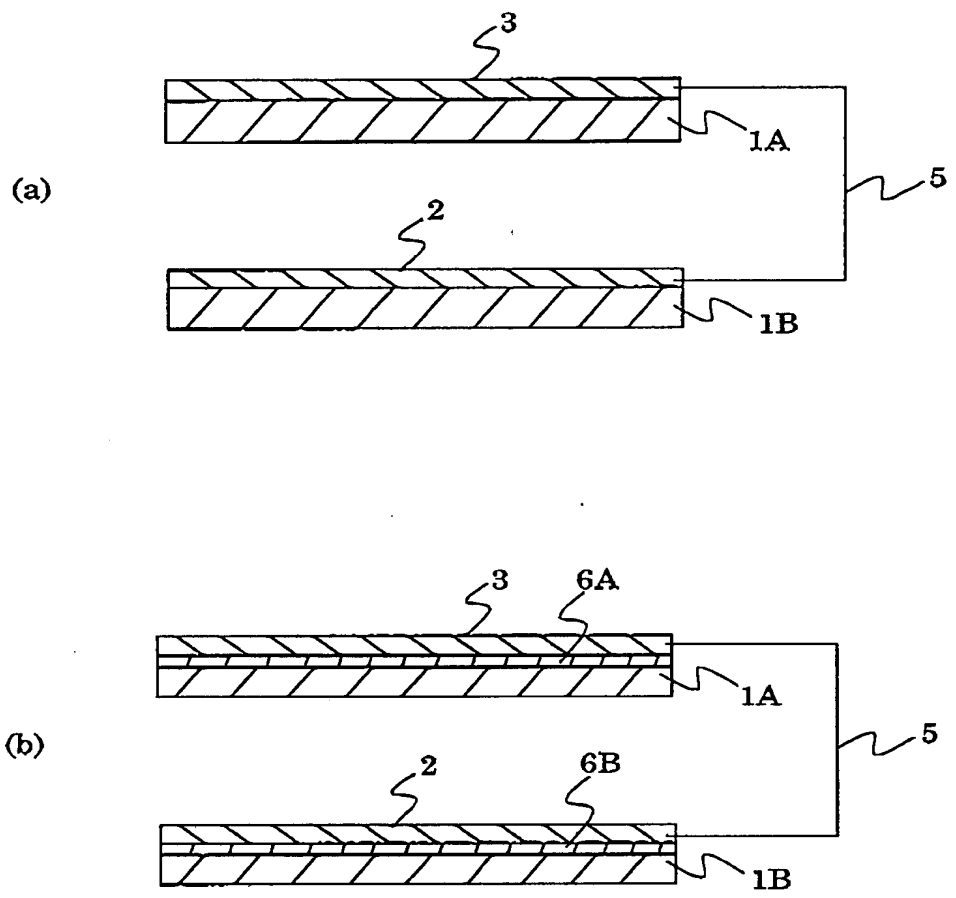
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【Fig.2】



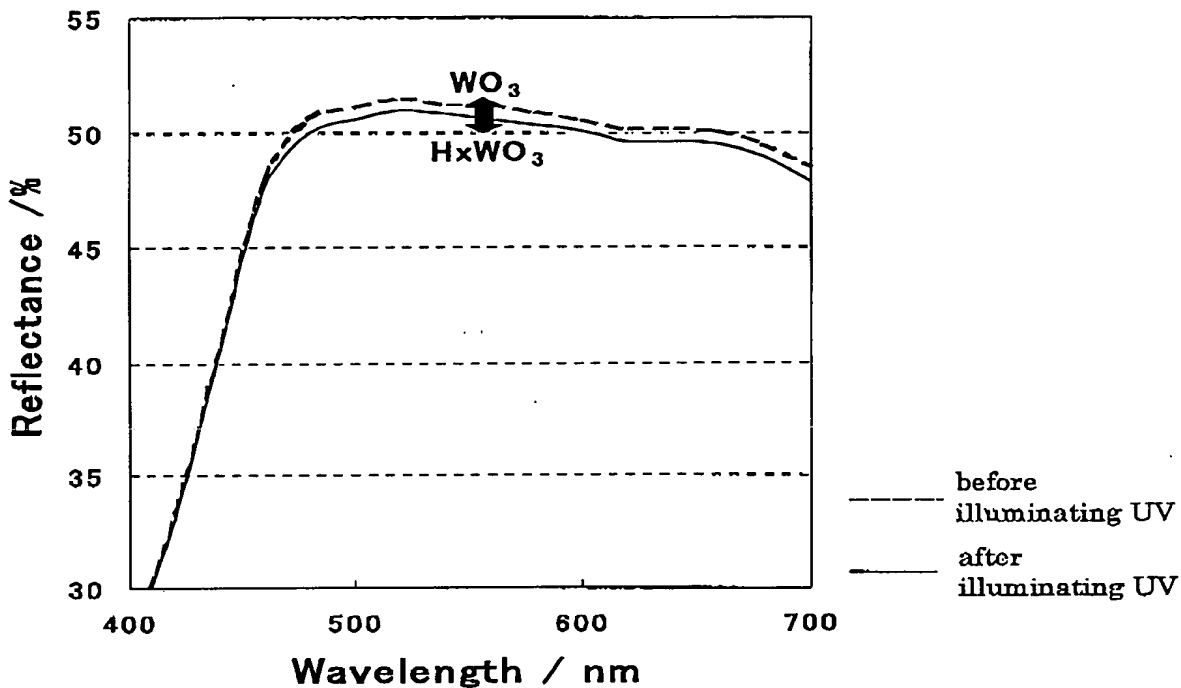
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【Fig.3】



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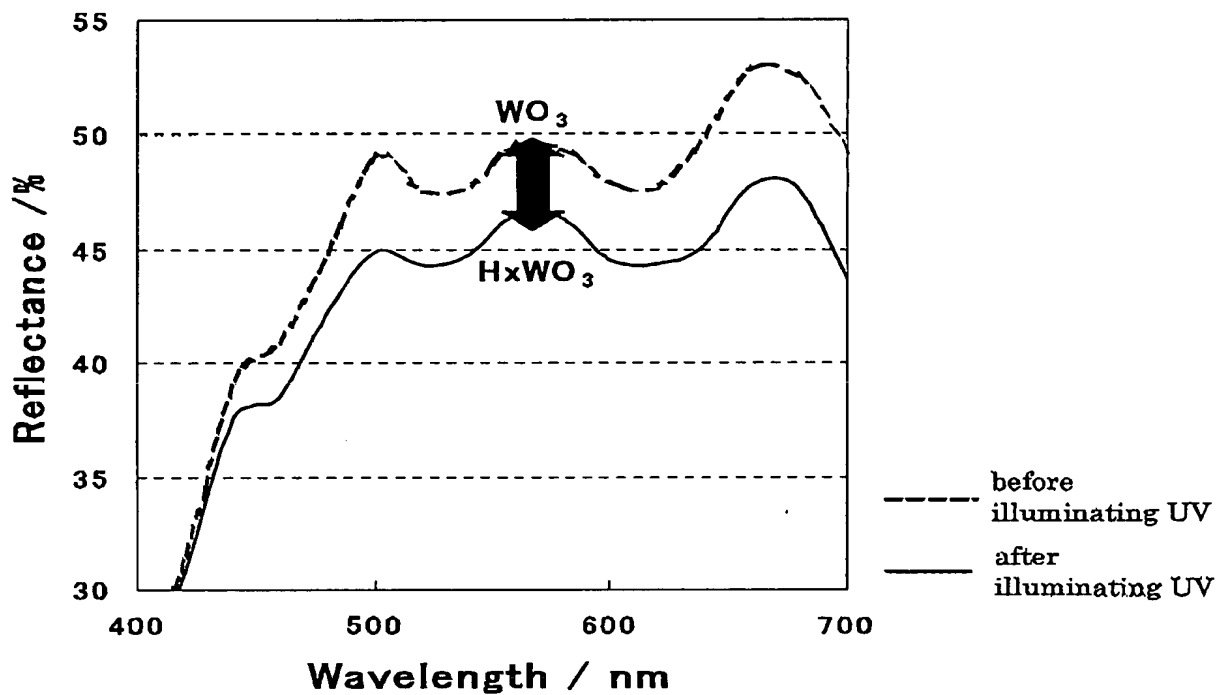
【Fig.4】



Reflectance change of  $WO_3$  before and after illuminating ultraviolet light in distilled water

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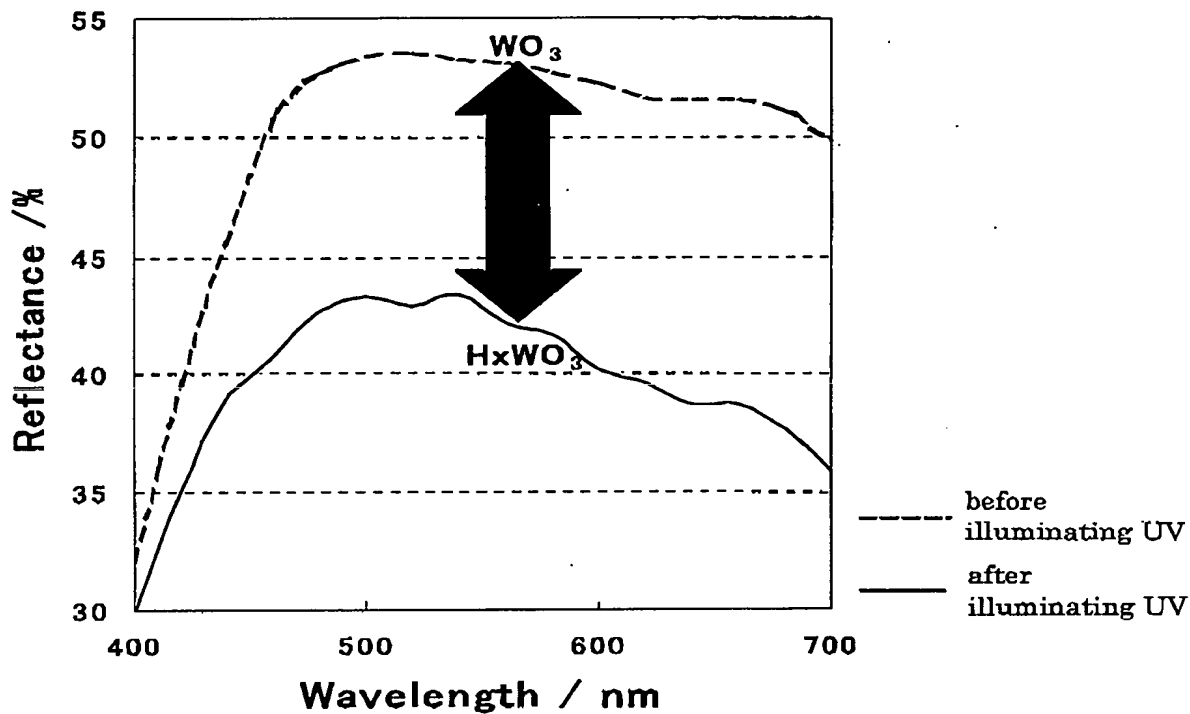
[Fig.5]



Reflectance change of  $TiO_2-WO_3$  before and after illuminating ultraviolet light in distilled water (separate type)

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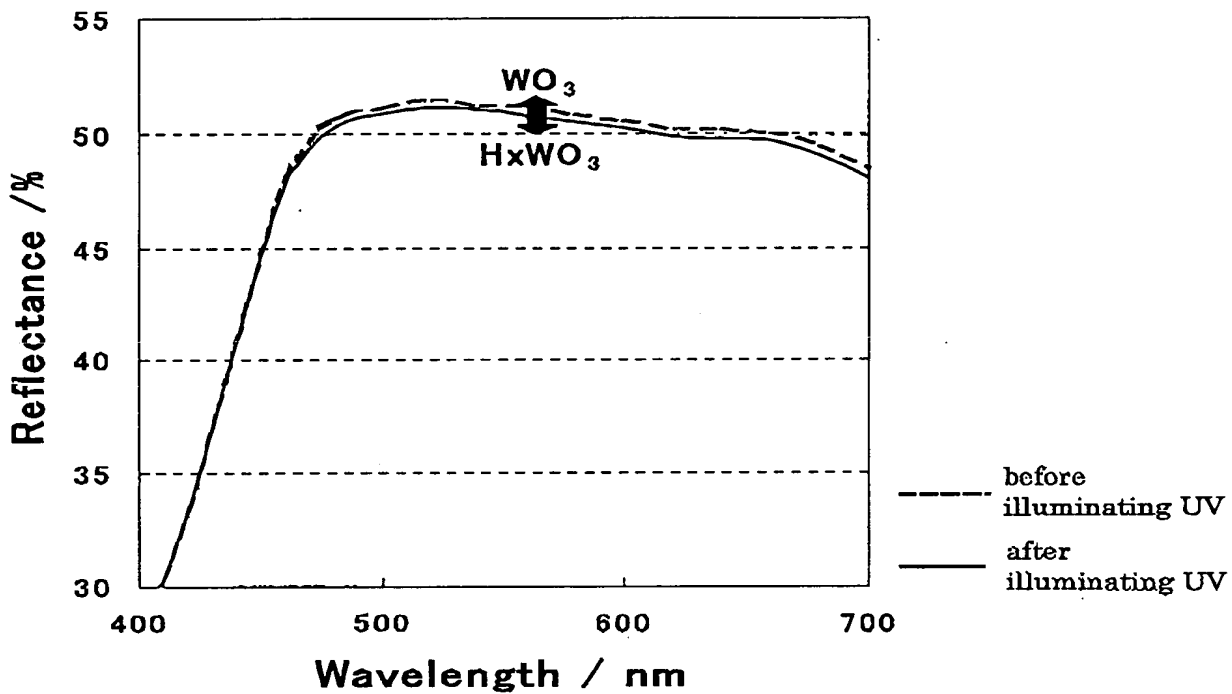
【Fig.6】



Reflectance change of  $TiO_2-WO_3$  before and after illuminating ultraviolet light in distilled water (mix type)

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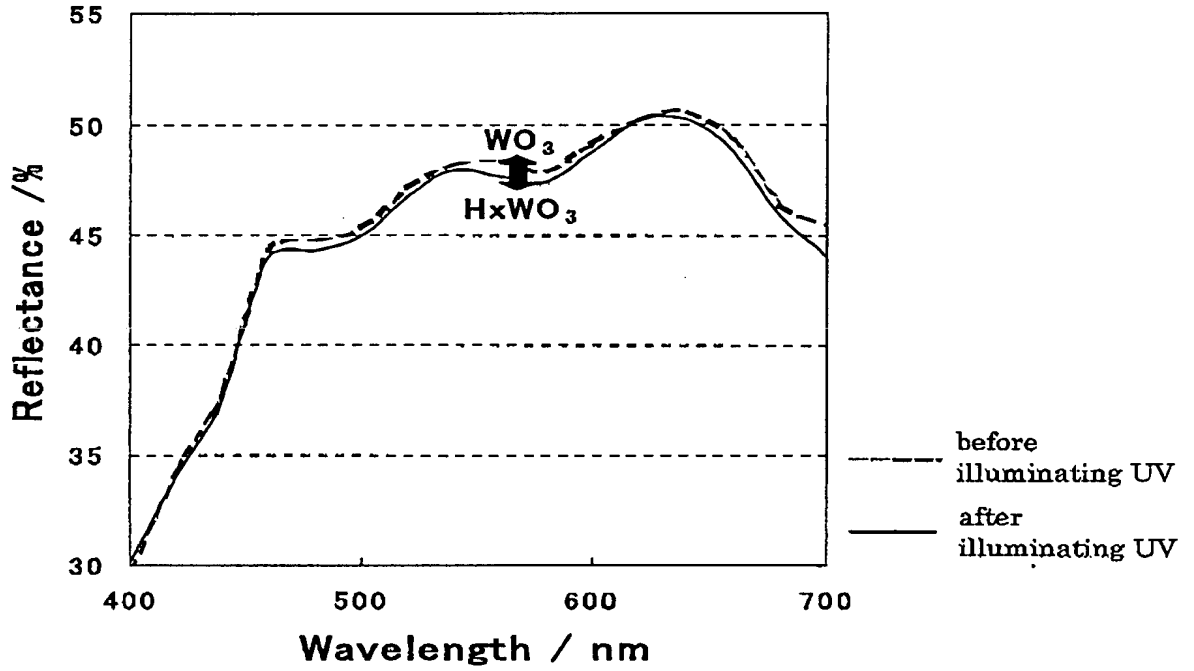
【Fig.7】



Reflectance change of WO<sub>3</sub> before and after illuminating ultraviolet light in gaseous phase

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[Fig.8]

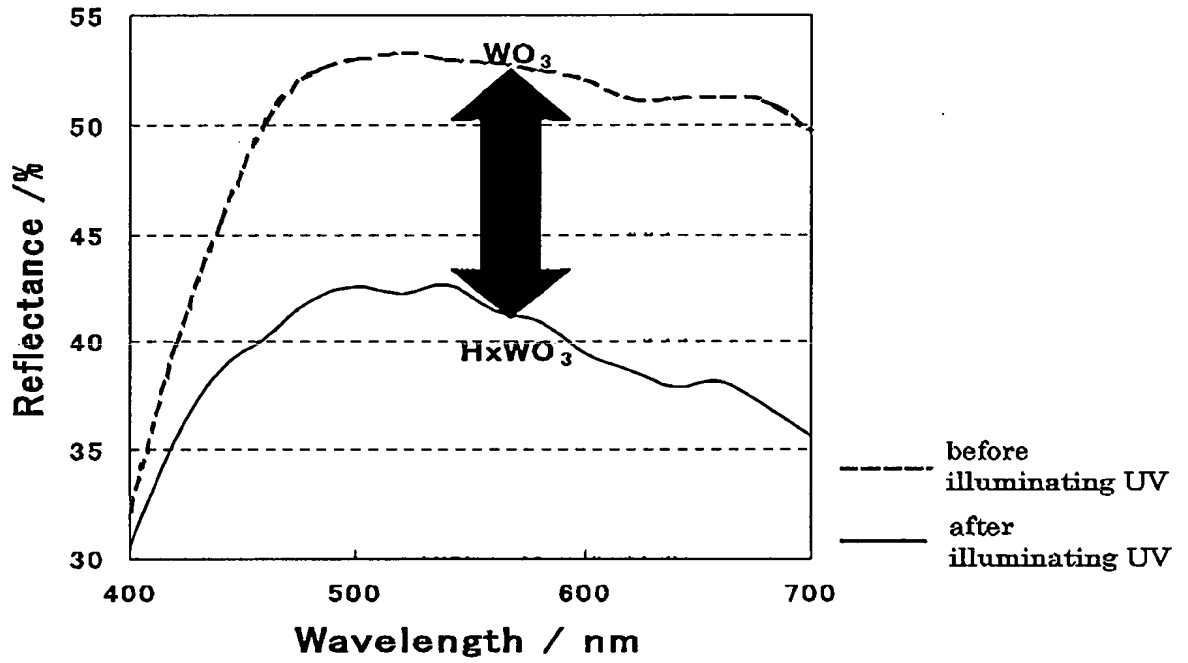


Reflectance change of TiO<sub>2</sub>-WO<sub>3</sub> before and after illuminating ultraviolet light in gaseous phase (separate type)

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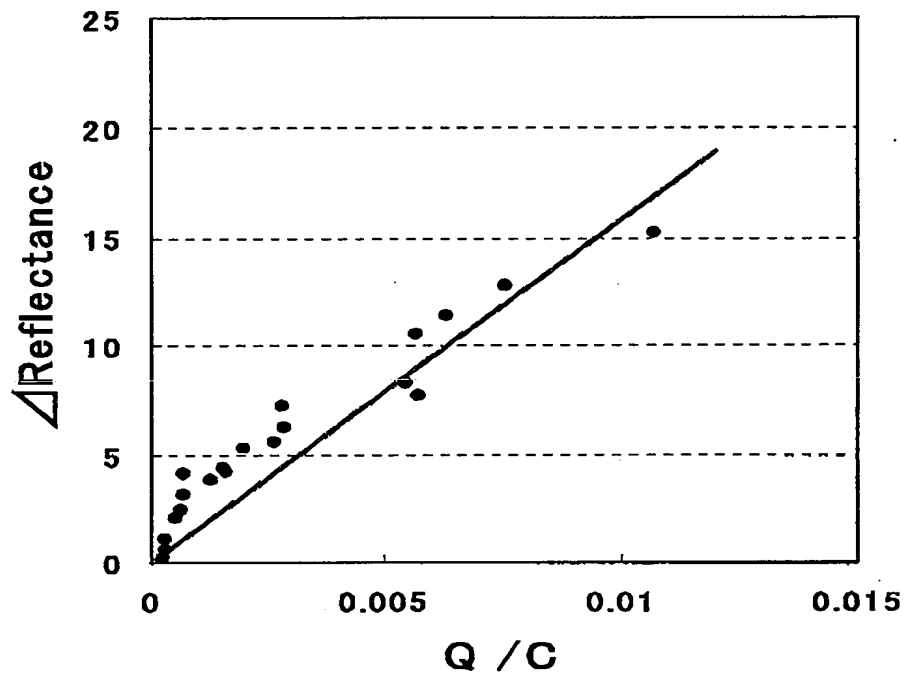
[Fig.9]



Reflectance change of  $TiO_2-WO_3$  before and after illuminating ultraviolet light in gaseous phase (mix type)

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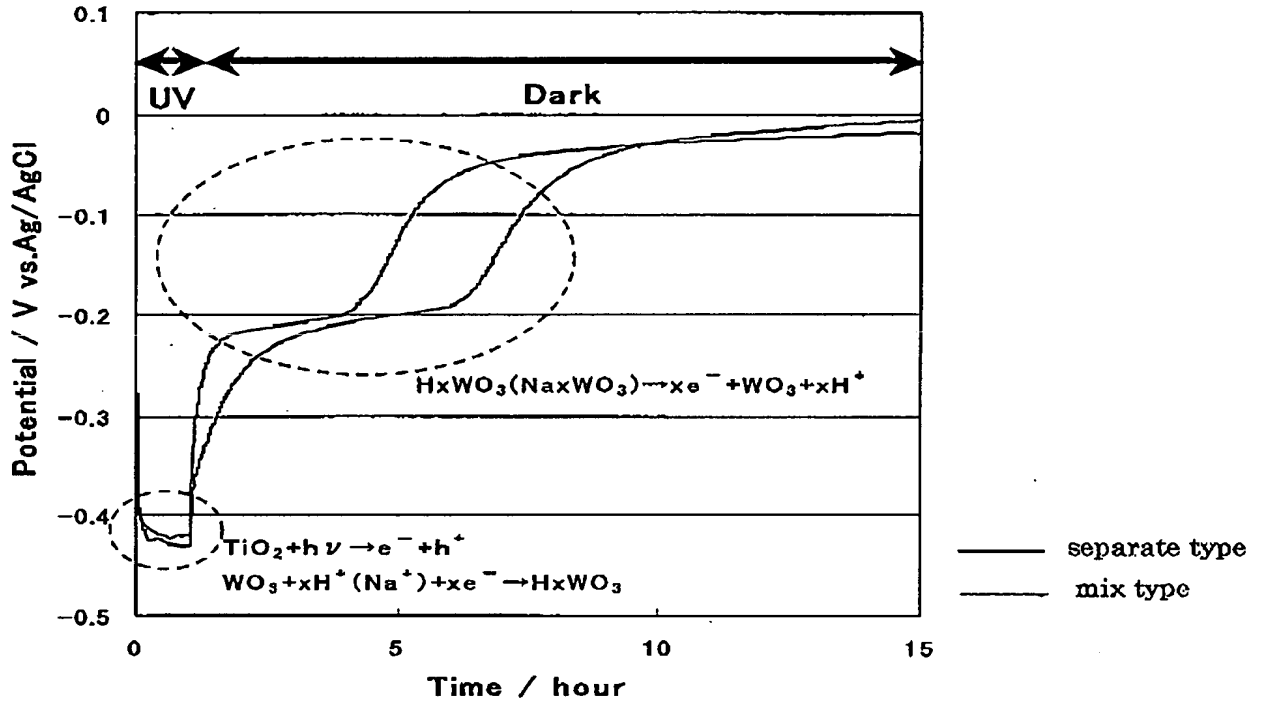
[Fig.10]



Relationship of charge and color change in WO<sub>3</sub>

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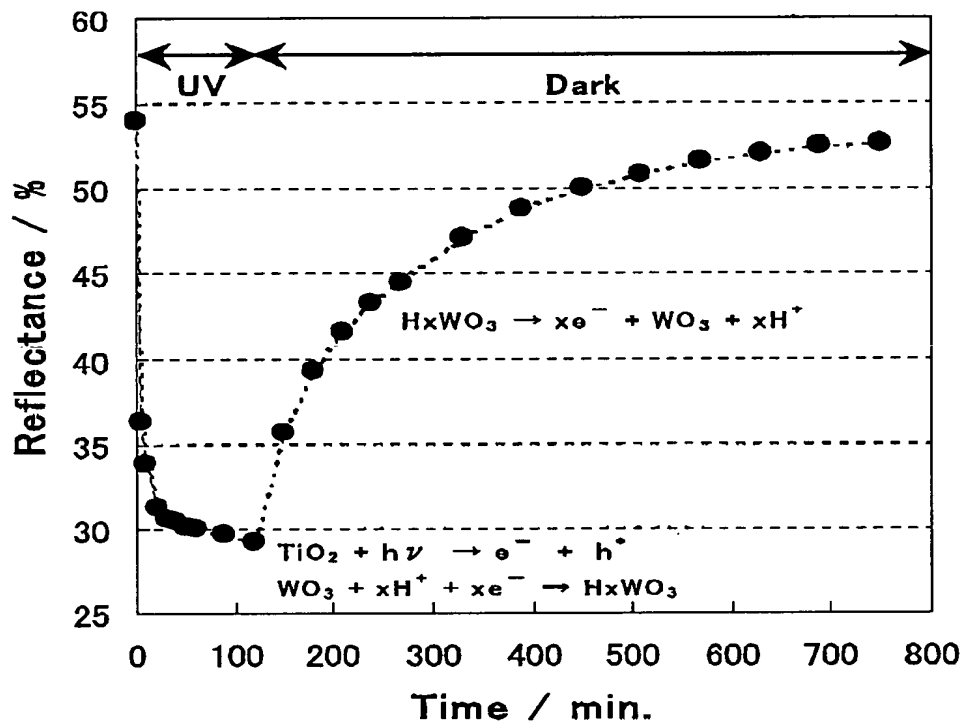
[Fig.11]



Potential change of TiO<sub>2</sub>-WO<sub>3</sub> before and after illuminating ultraviolet light in NaCl aqueous solution

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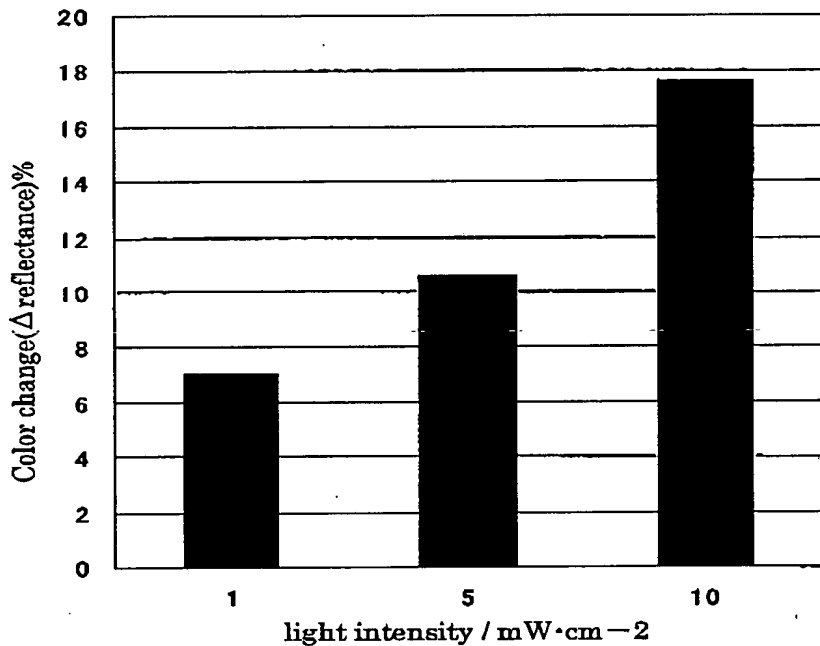
[Fig.12]



Reflectance change over time of TiO<sub>2</sub>-WO<sub>3</sub> before and after illuminating ultraviolet light in gaseous phase

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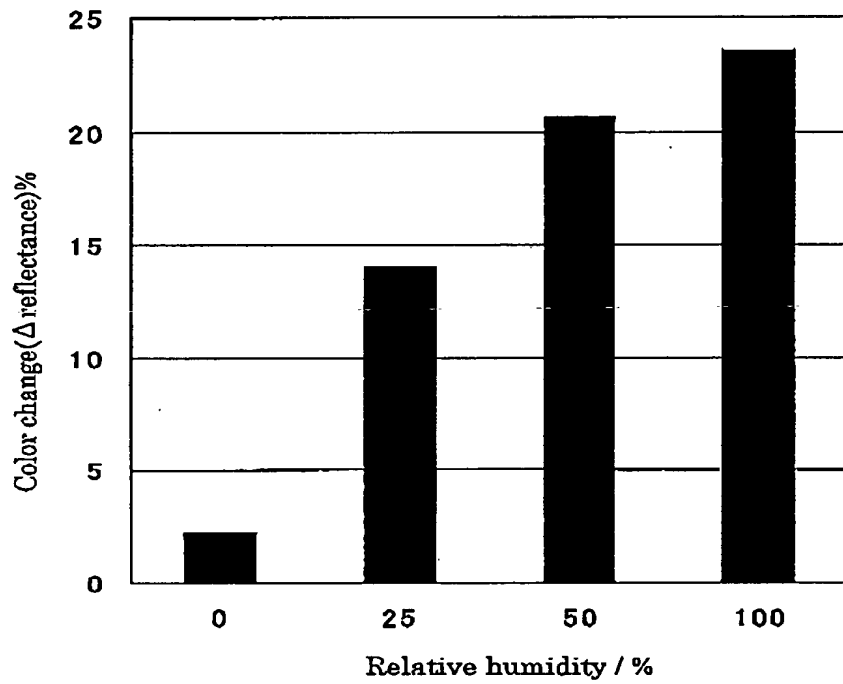
[Fig.13]



Relationship between light intensity of illuminated ultraviolet light and reflectance of TiO<sub>2</sub>-WO<sub>3</sub>

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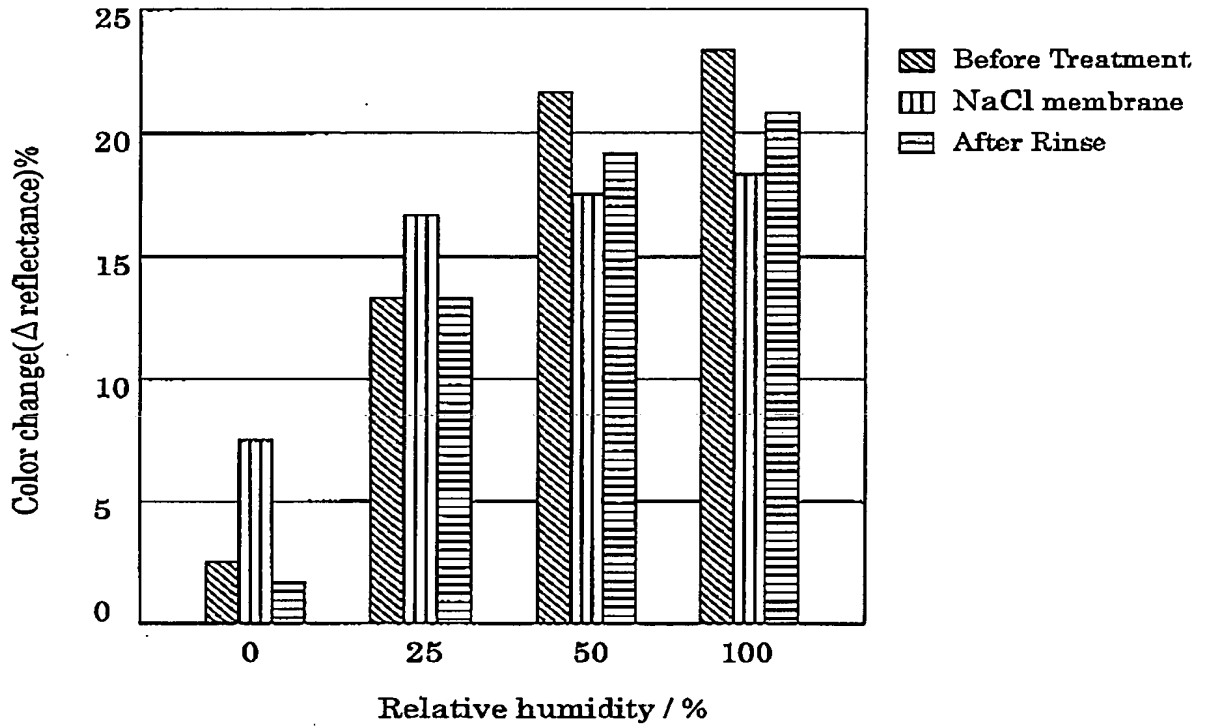
【Fig.14】



Relationship between humidity and reflectance of TiO<sub>2</sub>-WO<sub>3</sub>

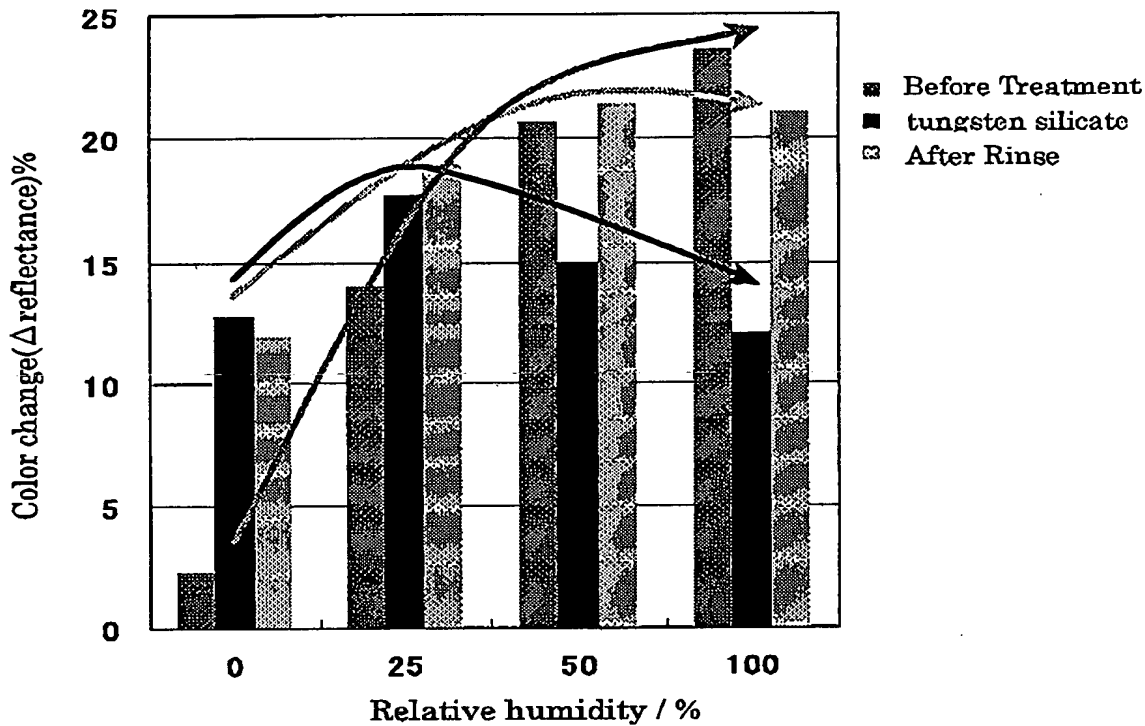
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[Fig.15]



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[Fig.16]



Color changes before treatment, after surface treatment with a heteropolyacid (tungsten silicate), and after rinse

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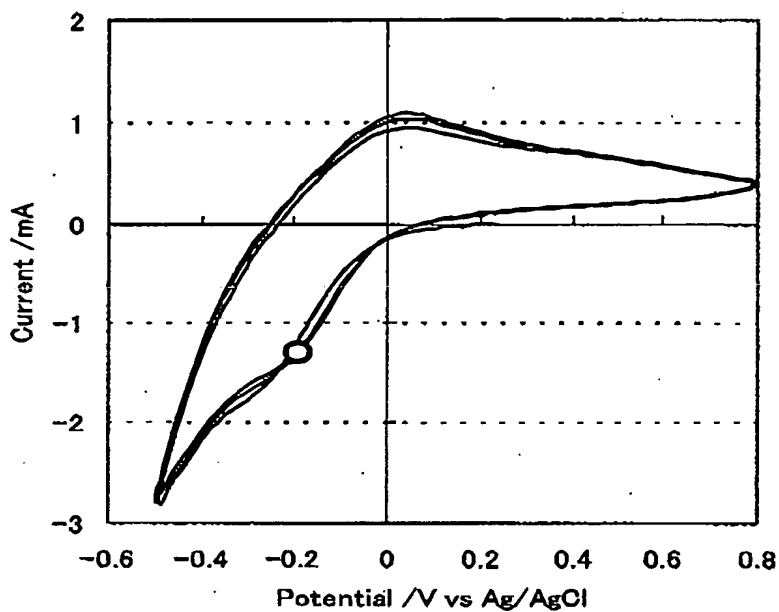


TITLE: PHOTOREACTIVE DEVICES, TRANSLUCENT MEMBERS, ORNAMENTS, ANTICORROSIVE DEVICES, DEVICES FOR REDUCING OXYGEN AND DEVICES FOR CONTROLLING GROWTH OF MICROORGANISMS

Inventor: Akira FUJISHIMA et al.

Docket No. 4468-022

【Fig.17】



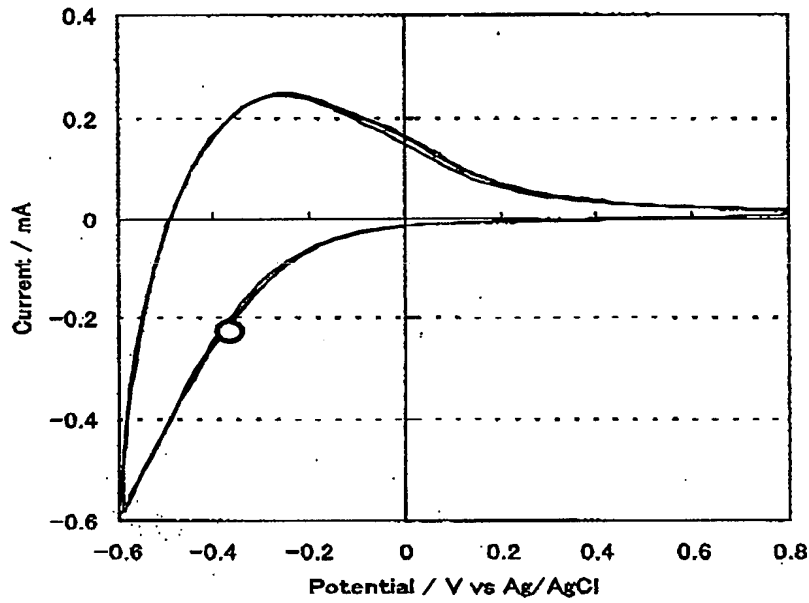
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TITLE: PHOTOREACTIVE DEVICES, TRANSLUCENT MEMBERS, ORNAMENTS, ANTICORROSIVE DEVICES, DEVICES FOR REDUCING OXYGEN AND DEVICES FOR CONTROLLING GROWTH OF MICROORGANISMS

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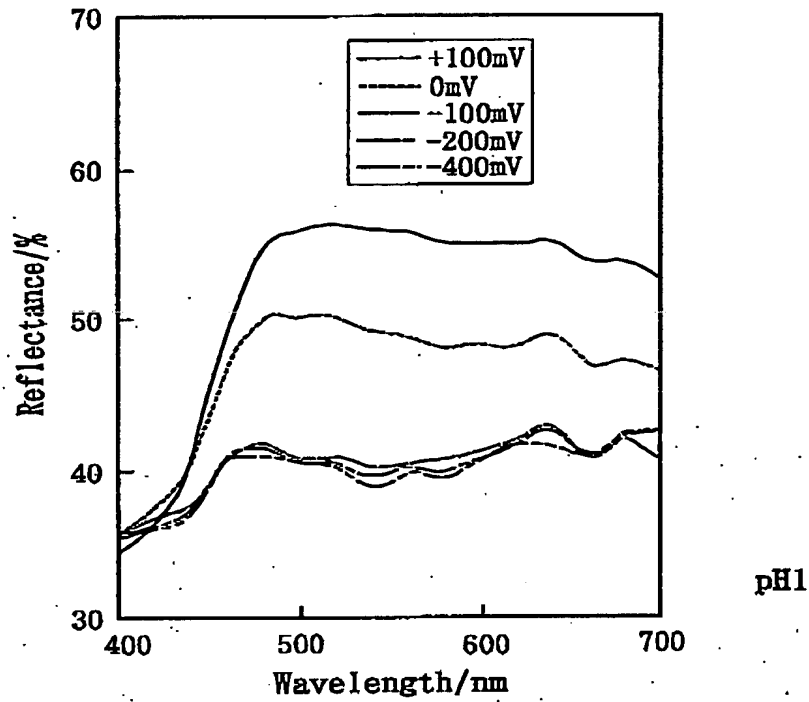
Docket No. 4468-022

[Fig.18]



FOR 2025 26263660

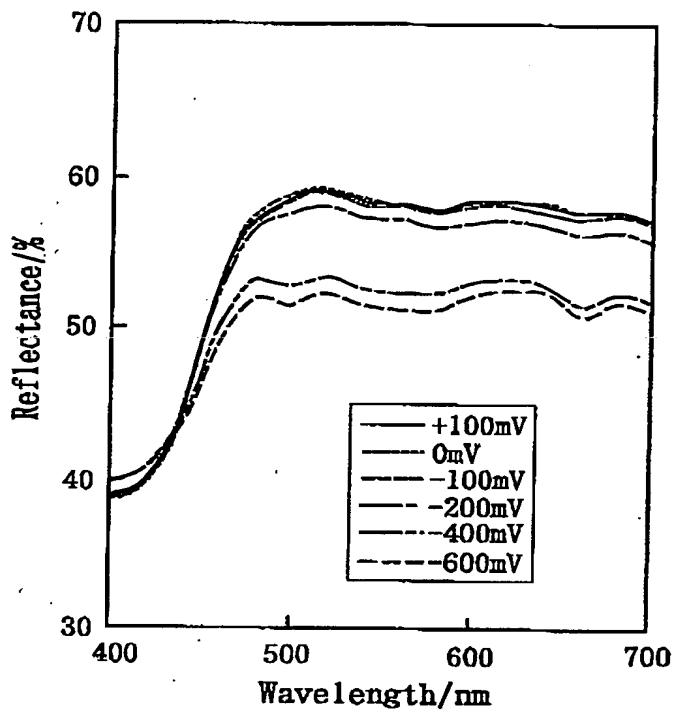
[Fig.19]



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pH1

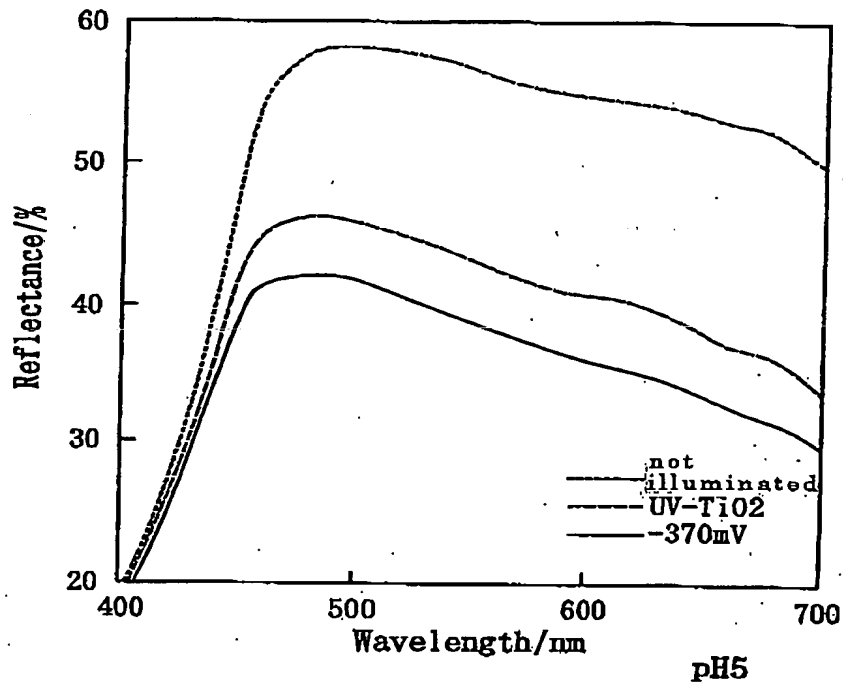
[Fig.20]



pH5

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[Fig.21]



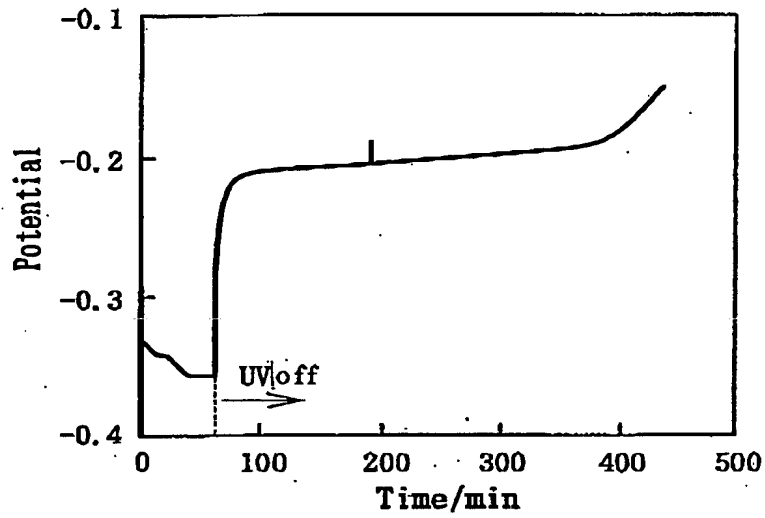
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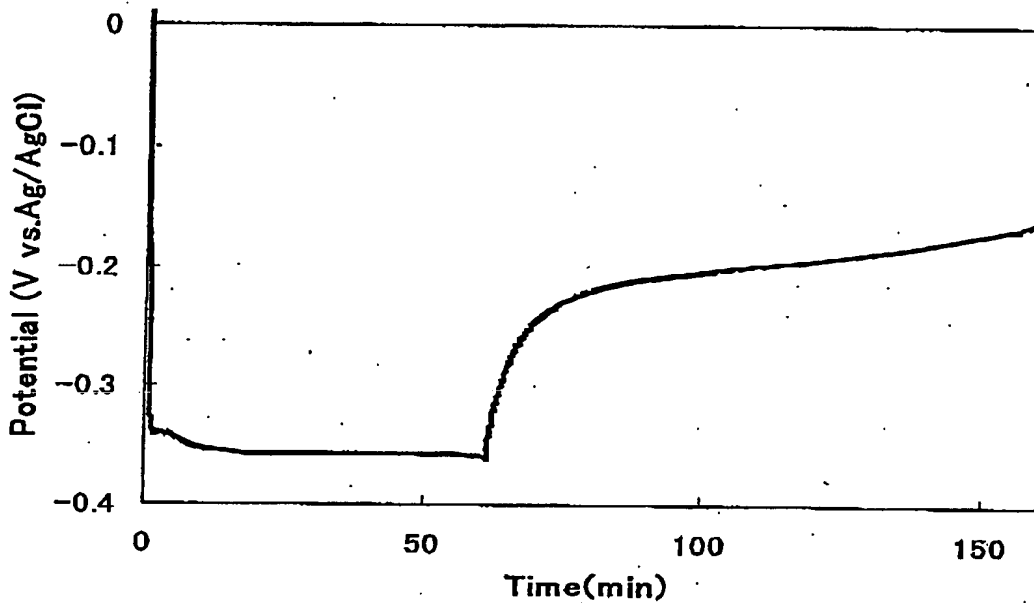
Docket No. 4468-022

[Fig.22]



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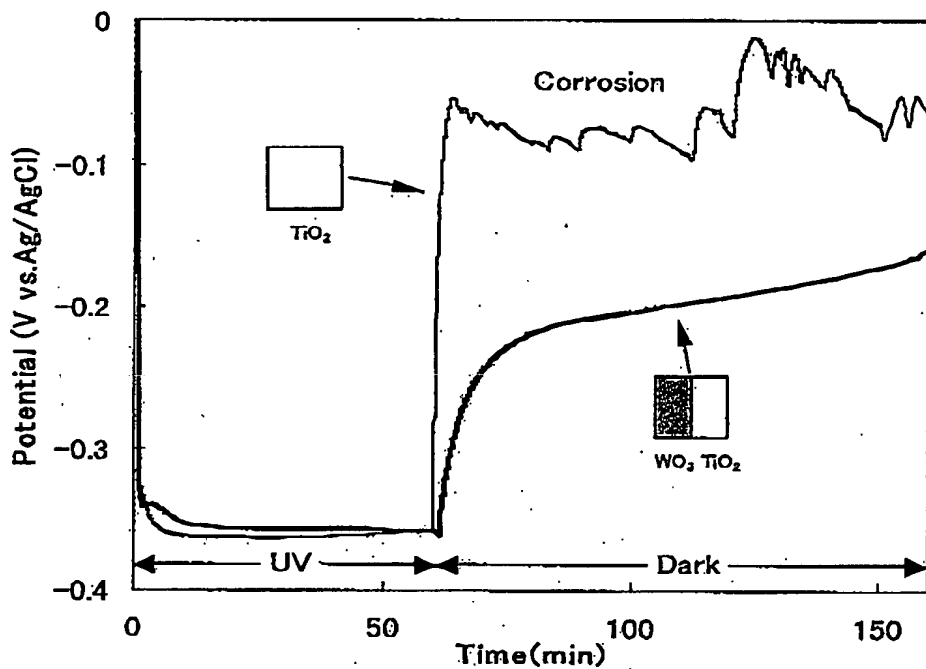
[Fig.23]



Potential change of a sample (TiO<sub>2</sub> is applied on one half of a substrate of SUS304 and WO<sub>3</sub> is applied on the other half)

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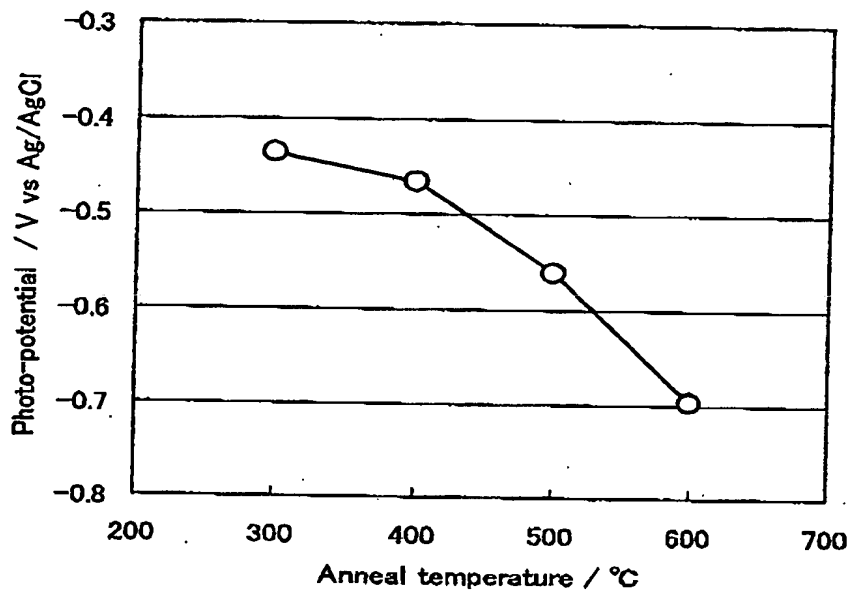
【Fig.24】



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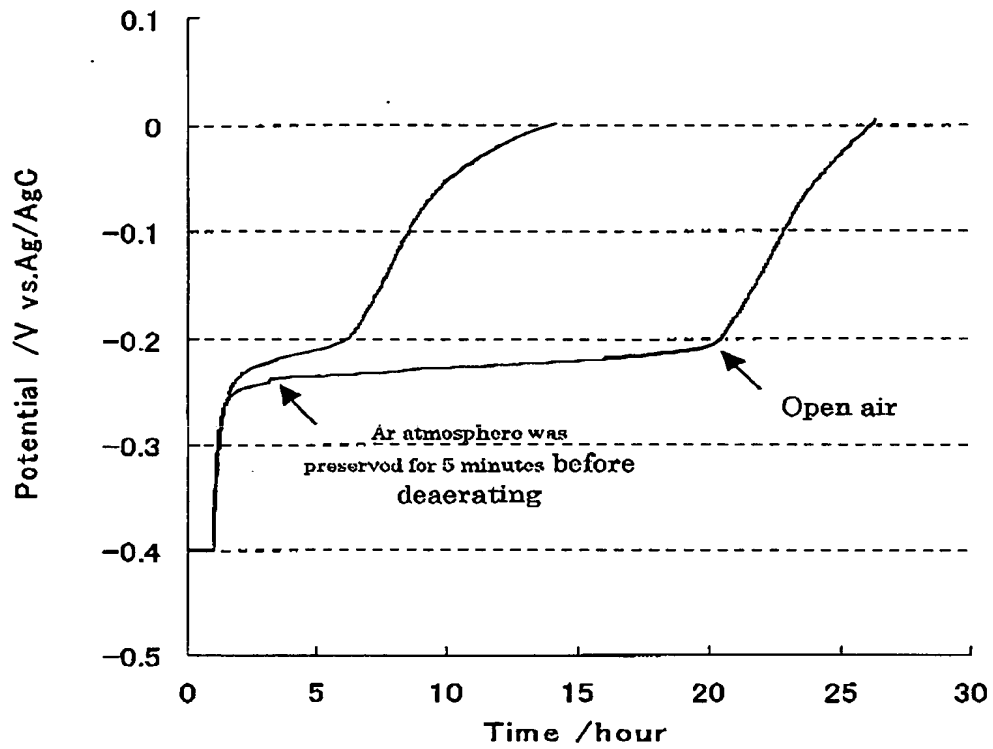


[Fig.25]



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[Fig.26]



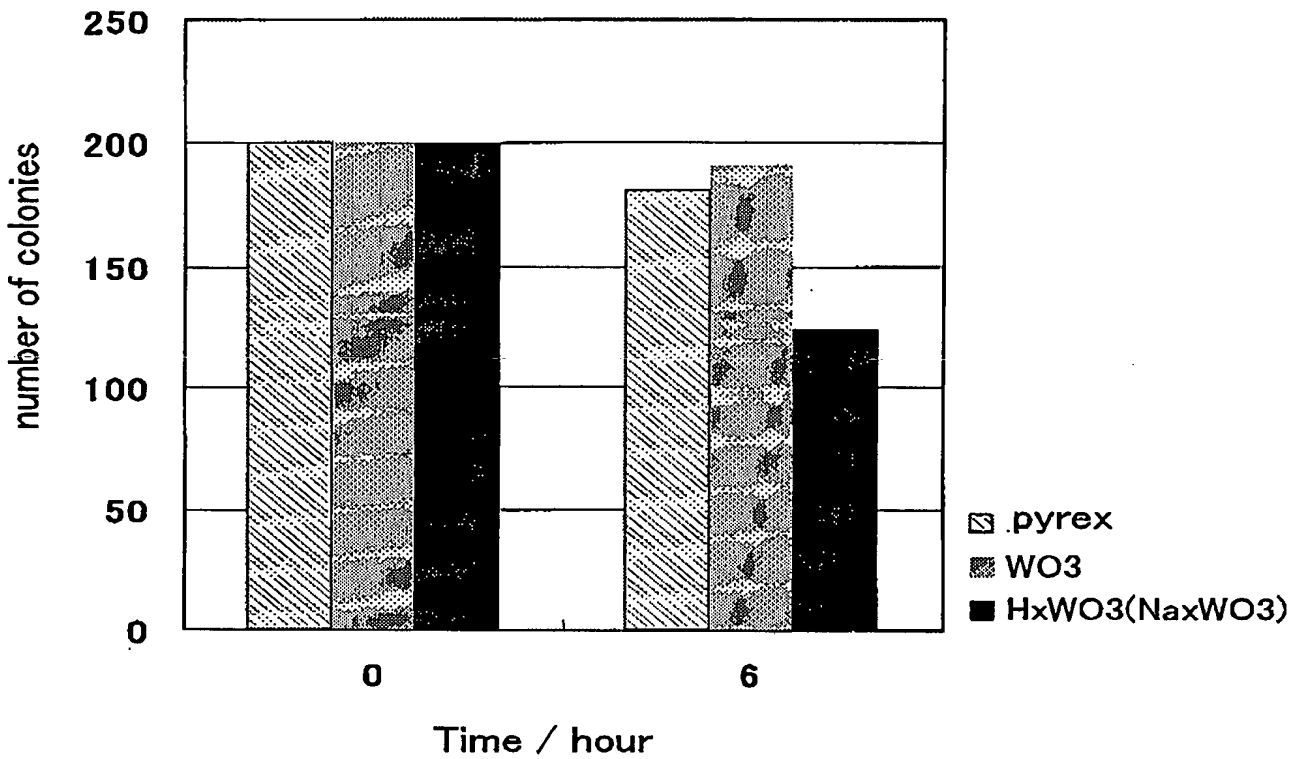
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Inventor: Akira FUJISHIMA et al.

Docket No. 4468-022

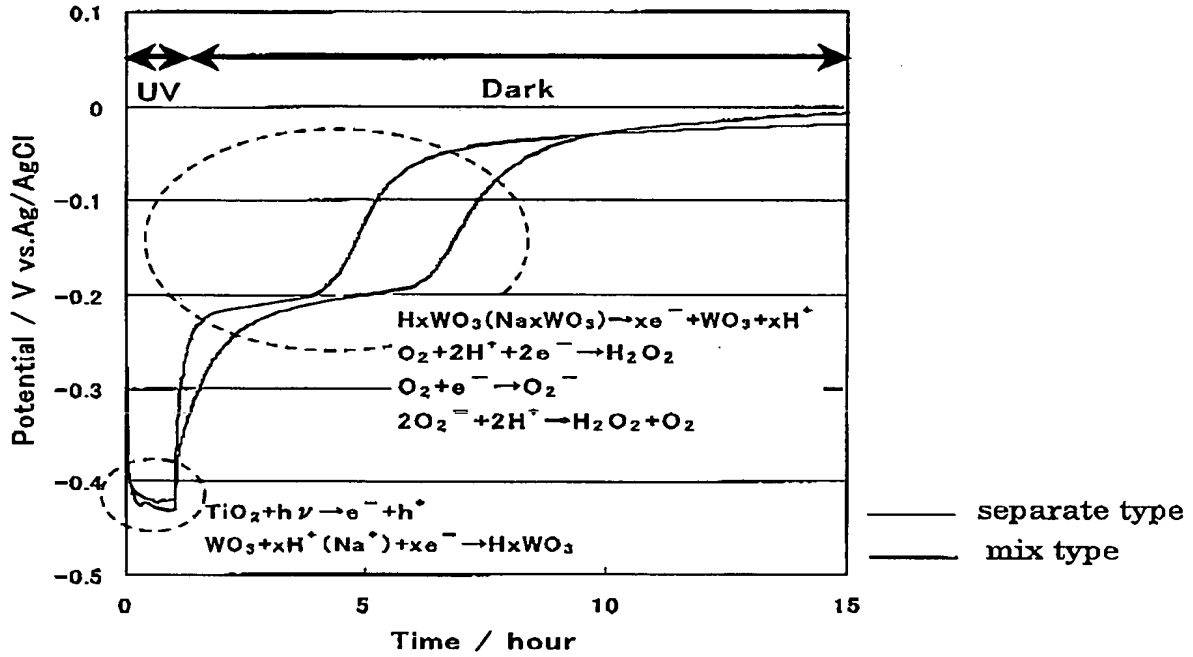
【Fig.27】



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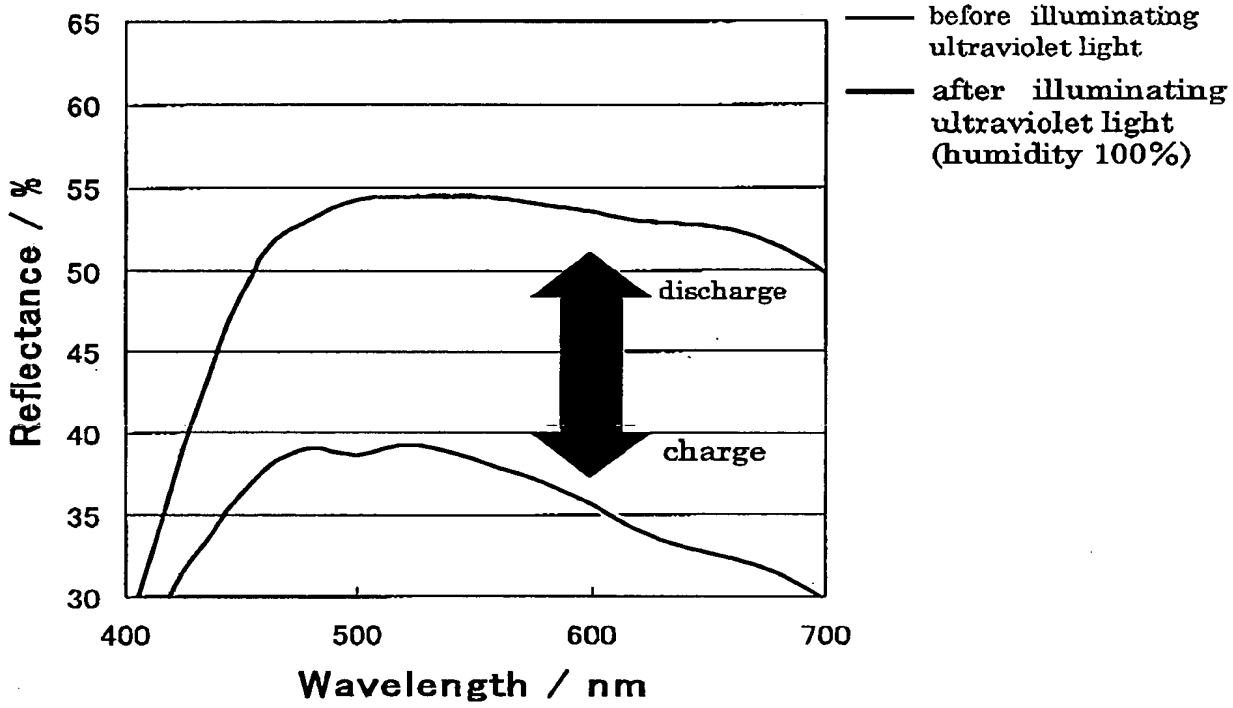
[Fig.28]

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Docket No. 4468-022



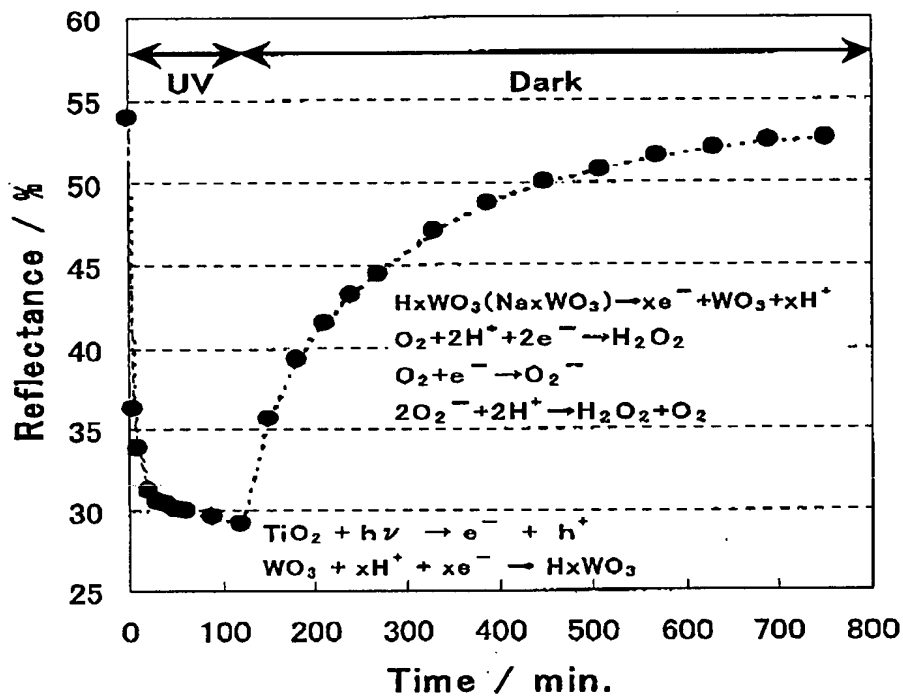
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【Fig.29】



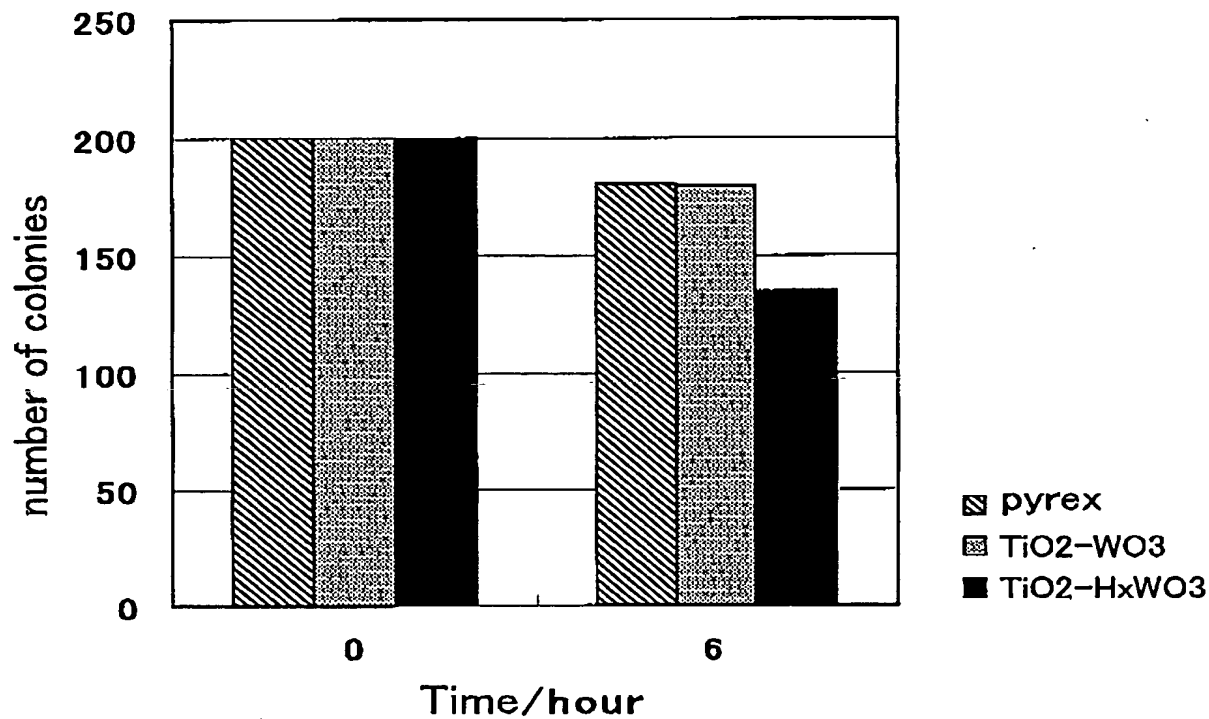
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[Fig.30]



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【Fig.31】



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